From:	McMillan, Teresa
To:	Coltrain, Katrina
Subject:	RE: Analysis Summary
Date:	Friday, June 10, 2016 9:41:46 AM
Attachments:	image001.png image002.png image003.png image005.png

Yes we would use a field multi-meter. ORP and DO would be field parameters only.

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From: Coltrain, Katrina [mailto:coltrain.katrina@epa.gov]
Sent: Friday, June 10, 2016 8:40 AM
To: McMillan, Teresa <tmcmillan@eaest.com>
Subject: RE: Analysis Summary

Would DO be difficult to add? If additional equipment or effort tis need to collect this then I would not include it.

Isn't there a field tool that gets you a several field parameters? YSI? Is DO one of them?

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From: Downham, Todd [mailto:Todd.Downham@deq.ok.gov]
Sent: Friday, June 10, 2016 9:27 AM
To: Coltrain, Katrina <coltrain.katrina@epa.gov>; Teri Mcmillan (tmcmillan@eaest.com) <tmcmillan@eaest.com>; cradu@eaest.com; lvega_eaest.com <lvega@eaest.com>; Turner, Philip <Turner.Philip@epa.gov>; barry_forsythe@fws.gov
Subject: RE: Analysis Summary

Appears correct. I believe Dissolved Oxygen (DO) would also be a field parameter for ground water.
Thanks

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Sent: Friday, June 10, 2016 7:29 AM
To: Teri Mcmillan (tmcmillan@eaest.com); cradu@eaest.com; lvega_eaest.com; Turner, Philip; barry_forsythe@fws.gov; Downham, Todd
Subject: RE: Analysis Summary

Is this list correct? Does anyone have questions or comments on the list?

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From: Coltrain, Katrina
Sent: Wednesday, June 08, 2016 8:14 AM
To: Teri Mcmillan (tmcmillan@eaest.com) <tmcmillan@eaest.com>; Christina Radu (cradu@eaest.com) <cradu@eaest.com>; Luis Vega (lvega@eaest.com) <lvega@eaest.com>; Turner, Philip <Turner.Philip@epa.gov>; barry_forsythe@fws.gov; Todd Downham <todd.downham@deq.ok.gov>
Subject: Analysis Summary

All, I just want to make sure that I understand the parameter list. I have looked at so many comments and recall so many conversations that I am just going around in circles.

Thank you for your patience as I work through this.

Ground water

- organic analytes: TCL VOCs, TAL SVOCs including SIM for PAHs
- inorganic analytes: metals total, including mercury, cyanide, and hexavalent chromium
- Field parameters: pH, turbidity, temperature, and conductivity
- NO PCBs/Dioxins/Furans/Pesticides: these are not expected to be site COC. Risk is that we may have to resample if they are found to be a site COC.

GW question: Can hexavalent chromium be eliminated based on same rationale as PCBs/Dioxins/Furans/Pesticides? If it is included, Houston can perform the analyses.

Surface Water

- organic analytes: TCL VOCs, TAL SVOCs including SIM for PAHs
- inorganic analytes: metals total and dissolved, including mercury, cyanide, and hexavalent chromium (10%)
- Field parameters: pH, temperature, and conductivity will be measured in the field.
- Water Quality: Hardness, total dissolved solids, total suspended sediment (not solids 6-7-16 email), Alkalinity, organic carbon
- NO PCBs/Dioxins/Furans/Pesticides: these are not expected to be site COC. Risk is that we may have to resample if they are found to be a site COC.

SW question: can hexavalent chromium (10%) be eliminated based on same rationale as PCBs/Dioxins/Furans/Pesticides? If it is included, Houston can perform the analyses.

Sediment

- organic analytes: TCL VOCs, TAL SVOCs including SIM for PAHs
- inorganic analytes: metals total, including mercury, cyanide, and hexavalent chromium (10%)
- Additional: organic carbon, AVS/SEM., grain size (20%), pH
- NO PCBs/Dioxins/Furans/Pesticides: these are not expected to be site COC. Risk is that we may have to resample if they are found to be a site COC.

Sediment questions:

- can hexavalent chromium (10%) be eliminated based on same rationale as PCBs/Dioxins/Furans/Pesticides?
- pH: holding time is short. Can this be done in the field?

Soil

- organic analytes: TCL VOCs, TAL SVOCs including SIM for PAHs
- inorganic analytes: metals total, including mercury, cyanide, and hexavalent chromium (10 samples on Wilcox plus Samples around cooling pond located on Lorraine: this was revised based on planning conversations and projected number of borings in the process area – 5% did not provide but 1 or 2 samples)
- PCBs/Dioxins/Furans/Pesticides: 10 samples taken from Wilcox areas potentially suspected to have these present. (this was revised based on planning conversations and projected number of borings in the process area 5% did not provide but 1 or 2 samples)

Passive Gas

- VOCs and naphthalene

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